

WELL INSTALLATION DIAGRAM

WELL NO.: MW-293

PROJECT: SRI Phase 3

PROJECT NUMBER: 10058697

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Ruffing

DATE COMPLETED: <u>6/27/2018</u>
WELL LOCATION: <u>W of building 630</u>

NORTHING: <u>278143.03</u> EASTING: 803187.74

GROUND SURFACE ELEVATION (ft, NAVD): $\underline{304.77}$ TOP OF CASING ELEVATION (ft, NAVD): $\underline{304.34}$

TOP OF SCREEN ELEVATION (ft, NAVD): 152.0

DRILLING CO.: Cascade Drilling, L.P.

DRILLING METHOD: Sonic
BOREHOLE DIAMETER (in): 6

SURFACE COMPLETION: Flush Mount

BOLLARDS: <u>Yes (3)</u> WELL DIAMETER (in): <u>2</u>

Prepared by: WTR

Date Prepared: 8/30/2018

TYPE OF SCREEN/RISER MATERIAL: Sch. 40 PVC

SLOT SIZE OF SCREEN: 0.010-in.

TYPE OF FILTER PACK: Silica Sand

GRADATION OF FILTER PACK: #10 Unimin Corp.

QUANTITY OF FILTER PACK: <u>6 - 50lb bags</u>

TYPE OF BENTONITE IN SEAL: <u>Holeplug 3/8" Chips</u> QUANTITY OF BENTONITE IN SEAL: <u>3.75 -50lb bag</u>

TYPE OF GROUT: Type I/II cement with 4% bentonite

Date Checked: 9/28/2018

QUANTITY OF GROUT: <u>240 gallons</u>
DEVELOPMENT METHOD: Surge&Pump

DATE DEVELOPED: 8/1/2018
DEPTH TO WATER (ft.btoc): 95.71

NOTES: Boring backfilled with bentonite to 163 ft. bgs prior to well installation. No water used during drilling; 92 gallons removed during development. Depth to water measured on 08/09/18.

Well Well Completion **Details** (Not to Scale) DIMENSIONS OF CONCRETE PAD: 3ft. X 3ft. RISER -**GROUT** LENGTH OF RISER (ft): 152.3 DEPTH TO TOP OF BENTONITE (ft, bgs): 142 **BENTONITE** DEPTH TO TOP OF SAND PACK (ft, bgs): 147 SAND PACK SCREEN -LENGTH OF SCREEN (ft): 10 LENGTH OF END CAP: 0.2 ft. TOTAL DEPTH OF WELL (ft, btoc): 162.5 **END CAP** TOTAL DEPTH OF BORING (ft, bgs): 174

Checked by: TCH